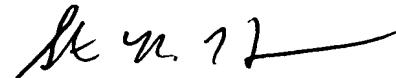


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 59652-5001 U.S. APPLICATION NO. (If known, See 37 CFR 1.51) 10/52235 To be assigned
INTERNATIONAL APPLICATION NO. PCT/CA03/01118	INTERNATIONAL FILING DATE 24/07/2003	PRIORITY DATE CLAIMED 25/07/2002
TITLE OF INVENTION METAL-SUPPORTED TUBULAR FUEL CELL		
APPLICANT(S) FOR DO/EO/US Alberta Research Council Inc.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau (copy of notice enclosed). c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Copy of Request (PCT/RO/101); International Publication No. WO 2004/12287 A2 (first two pages only); International Search Report; Demand under Article 31 of the Patent Cooperation Treaty; Written Opinion; Reply to Written Opinion; International Preliminary Examination Report; and return postcard.</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
To be assigned 10752233		PCT/CA03/01118		59652-5001					
21. The following fees are submitted:									
<input checked="" type="checkbox"/> a) Basic national fee.....		\$300.00							
<input checked="" type="checkbox"/> b) Examination fee.....		\$200.00							
<input checked="" type="checkbox"/> c) Search fee.....		\$500.00							
TOTAL OF ABOVE CALCULATIONS = \$1000.00									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE					
- 100 =	/50 =			x \$250.00	\$				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$				
Total claims	36	-20 = 16	X \$50.00		\$ 800.00				
Independent claims	3	-3 = 0	X \$200.00		\$				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		\$				
TOTAL OF ABOVE CALCULATIONS = \$									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.									
SUBTOTAL = \$ 1,800.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).									
TOTAL NATIONAL FEE = \$									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property									
TOTAL FEES ENCLOSED = \$ 1,800.00									
<table border="0"> <tr> <td style="width: 40%;"><input type="checkbox"/> Amount to be refunded:</td> <td style="width: 10%; text-align: right;">\$</td> </tr> <tr> <td><input type="checkbox"/> Amount to be charged:</td> <td style="text-align: right;">\$ 1,800.00</td> </tr> </table>						<input type="checkbox"/> Amount to be refunded:	\$	<input type="checkbox"/> Amount to be charged:	\$ 1,800.00
<input type="checkbox"/> Amount to be refunded:	\$								
<input type="checkbox"/> Amount to be charged:	\$ 1,800.00								
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.									
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>10-0440</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>10-0440</u> . A duplicate copy of this sheet is enclosed.									
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Rod S. Berman, Esq. Jeffer, Mangels, Butler & Marmaro LLP 1900 Avenue of the Stars, Seventh Floor Los Angeles, CA 90067-4308 Telephone: (310) 203-8080 Facsimile: (310) 203-0567 E-Mail: patentdocket@jmbm.com									
 SIGNATURE									
Steven R. Hansen NAME									
39,214 REGISTRATION NUMBER									

10152235
DT01 Rec'd PCT/US 25 JAN 2005

Approved for use through 07/31/2006. OMB 0561-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Certificate of Mailing under 37 CFR 1.8

I hereby certify that the correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, Express Mail No. EV272834676US, under 37 CFR 1.10 on the date indicated below and is addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: EO/US

on January 25, 2005.

Date

Submitted Documents:

- *Transmittal Letter to the US Elected Office;*
- *Application Data Sheet;*
- *Application with Drawings;*
- *Unsigned Declaration*
- *Copy of Request (PCT/RO/101);*
- *International Publication No. WO 2004/12287 A2 (first two pages only);*
- *International Search Report;*
- *Demand under Article 31 of the Patent Cooperation Treaty;*
- *Written Opinion;*
- *Reply to Written Opinion;*
- *International Preliminary Examination Report;*
- *Information Disclosure Statement with 70 References (15 enclosed, 55 not enclosed)*
- *Return postcard.*



Signature

Bobbie-Jean Corbin

Typed or printed name of person signing Certificate

(310) 203-8080

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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